



Water Resources Program
Application for a Water Right Permit

For Ecology Use
(Date Stamp)

12 DEC 24 A9:56

DEPT. OF ECOLOGY
FISCAL & BUDGET

Follow the attached instructions. Attach additional sheets as necessary.

- ☐ GROUND WATER ☒ SURFACE WATER
☐ PERMANENT ☐ SHORT TERM ☒ TEMPORARY
☐ DROUGHT

***A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

Section 1. APPLICANT

Applicant/Business Name: Lincoln County Conservation District Attn: Dave Lundgren	Phone No: 509-725-4181	Other No:
Address: PO Box 46, 1310 Morgan St		
City: Davenport	State: WA	Zip: 99122-046
Email Address (optional): dlundgren@wadistrict.net		

Contact Name (if different from above): Gene St. Godard Water & Natural Resources Group	Phone No: 509-953-9395	Other No:
Relationship to Applicant: Contractor/Consultant		
Address: PO Box 28755		
City: Spokane	State: WA	Zip: 99228
Email Address (optional): stgod@comcast.net		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: The proposed place of use is within the high water mark within the channels of Lake Creek and Crab Creek	Phone No:	Other No:
Address:		
City:	State:	Zip:
Email Address (optional):		

Signatures are required. See page 7.

For Ecology Use	APPLICATION NO: <u>S3-30681</u>	SEPA: Exempt/Not Exempt <u>(Not Exempt)</u>
Fee Paid: <u>\$50.00</u>	Check No: <u>\$1,950.00 add'l fee due</u>	ECY Coding: 001-001-WR1-0285-000011
Date Returned: _____	By: <u>KT</u>	Priority Date: <u>12-24-2012</u>
		WRIA: <u>53</u>

Section 2. STATEMENT OF INTENT

Do you own the land on which the proposed point of diversion/withdrawal is located? ☐ YES X NO

If no, do you have legal authority to make this application for use of another's land? ☐ YES X NO

Briefly describe the purpose of your proposed project:

The Lincoln Passive Rehydration pilot project is being proposed to divert available waters from the Columbia River near the town of Lincoln, and convey the water through a piping system into the headwaters of Lake Creek to study the potential infiltration rates of waters into the Odessa Columbia River Basalt aquifers, and to determine effective pumping rates to rehydrate the streams and lakes in the area to restore the ecosystems and economy of the region.

Anticipated length of time to complete your project: 1 year design and installation, 3 year pilot testing

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only) X Cubic Feet per Second (CFS) <input type="checkbox"/> Gallons per Minute (GPM)	Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
Habitat, Aquifer Storage Testing	20	14,454	Continuous (1)
TOTAL:	20	14454	

(1) Continuously dependent upon water availability outside of 2008 Bi-Op

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES X NO

Is this request for a temporary permit? X YES ☐ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: 01/01/2014 TO: 12/31/2017

Section 3. POINT OF DIVERSION OR WITHDRAWAL

(Complete A or B, and C below)

A.) If Surface Water Source	B.) If Ground Water Source
<input type="checkbox"/> Spring <input type="checkbox"/> Creek X River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	<input type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____
Source Name: <u>Columbia River/FDR</u>	Well diameter & depth: _____
Tributary to: <u>Columbia River/Pacific Ocean</u>	Number of proposed points of withdrawal: _____
Number of proposed diversion points: <u>2</u>	Do you have an existing well? <input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have an existing diversion? <input type="checkbox"/> YES X NO	If available, attach Water Well Report and pump test.
	Well Tag ID No. _____

C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
NPS		NE	21	27N	35E	Lincoln
Lot(s)	Block(s)		Subdivision			Lincoln Boat Launch

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

_____ Feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)
from the (☐NW ☐SW ☐NE ☐SE ☐ _____) corner of Section _____.

Parcel No.	¼	¼	Section	Township	Range	County

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

_____ feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)
from the (☐NW ☐SW ☐NE ☐SE ☐ _____) corner of Section _____.

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

Place of use is within the high water mark of Lake Creek and associated lakes in the drainage; and within Crab Creek below the confluence of Lake Creek. Water will be applied at Hurley lake and allowed to flow uncontrolled down Lake Creek drainage.

¼	¼	Section	Twp.	Range	County	Parcel No.
					Lincoln	

Do you own all the lands on which the proposed place of use is located? ☐ YES X NO.

If no, do you have legal authority to make this application for use of another's land? ☐ YES X NO

Provide owner name(s), address, and phone number:

The project has contacted land owners throughout the drainage. Prior to initiation of pilot project, land use/access agreements will be retained from each property owner in the creek. Design of Pilot Project will account for and/or mitigate any potential land use access agreements. Water will be used only within the high water mark of the water bodies (creek and lakes) in the drainage.

Are there any other water rights or claims associated with this property or water system? ☐ YES X NO

If yes, provide the water right and/or claim numbers:

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source):

The Lake Roosevelt option, uses a diversion at the town of Lincoln, at the site of the abandoned lumber mill. From here a pipeline would likely proceed from the intake in Lincoln, up Welsh Creek Canyon following the county road right-of-way, to the Miles-Creston Road (Figure 1). The pipeline route might be on county road rights-of-way, across private land, and across public lands to reach Wall Lake and/or a location on the creek south of US 2. Given that most of the lands on the upper portion of the creek are public lands, it seems likely that a discharge point into Lake Creek would be on these lands. (see SEPA Checklist)

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only (defined under RCW 90.03.015)
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ (e.g., home, recreational cabin)	Estimate future population to be served: _____ (20 year projection)
C.) Water System Planning	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, date plan was approved ____/____/____ Water System Number: _____	
Name of water system: _____	
Are you within the service area of an existing water system? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, explain why you are unable to connect to the system: _____ _____	

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = N/A ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock:

N/A

Is the proposed project for a dairy farm? ☐ YES ☐ NO

Other Proposed Farm Uses

Describe all proposed uses:

N/A

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head _____ and proposed capacity in kilowatts: _____

Describe works:

N/A

Indicate all uses to which power is to be applied: _____

FERC License No: _____

Mining/Industrial Use

Describe use, method of supplying and utilizing water:

N/A

Other Use

The water allocated under the Lincoln County Pilot project will be used to conduct a pilot project for the Lincoln County Passive Rehydration proposal. Up to 20 cubic feet per second (cfs) of water would be diverted from the Columbia River, conveyed to the south to the Lake Creek drainage, and released from the pipeline into a stilling basin constructed in the Lake Creek drainage. Released water (referred to as rehydration water) would overflow from the stilling basin into the channel of Lake Creek and join with natural runoff, increasing the natural flow in Lake Creek and improving habitat conditions; then flow into and through existing lakes, and raising the water level in dehydrated or drawn down lakes within the Lake Creek drainage, including Coffeepot Lake and Pacific Lake.

At some locations, and at some times of year (where the Lake Creek channel is currently, or periodically are dry) the rehydration flows may be the only water in the channel. This is typically the case for late summer and fall throughout the entire length of the channel, and for the upper-most portions of the channel and for the channel below Pacific Lake at all times except during extremely wet periods. To the extent that areas of the channel and portions of the bed of lakes are typically dry under normal conditions, the Pilot Project will inundate areas to the historical high water mark. Some or all of the rehydration water would infiltrate through the Lake Creek channel bed to provide recharge to underlying portions of the groundwater system within a portion of the Odessa Subarea. Some of the rehydration water may flow into Crab Creek (approximately four miles west of Odessa, WA), increasing the flow before being diverted for use, infiltrating into the groundwater aquifer, or flowing into Moses Lake.

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☐ YES X NO (other than natural lakes which are currently dry within the drainage). Water that infiltrates will be stored in the basalt aquifers.

Are you proposing to store more than 10 acre-feet of water? ☐ YES X NO

Will the water depth be 10 feet or more? ☐ YES X NO

If you answered yes to any of the above questions, please describe:

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site:

Point of diversion: from Spokane drive east on Highway 2, through Davenport and towards Creston. Two miles east of town of Creston, turn east on Miles Creston Road East. Follow Miles-Creston Road approximately three miles and turn left (north) onto Welch Creek Road North. Follow Welch Creek Road to the north to the intersection of Redwine Canyon Road. Turn right to the town of Lincoln. Follow signs to the boat launch on Columbia River/Lake Roosevelt in Section 21, T27N, R35E.

Place of Use: from Spokane drive east on Highway 2, through Davenport and towards Creston. Approximately ten miles west of Davenport (one mile east of Telford), Highway two will cross the headwaters of the Lake Creek drainage. Hurley Lake, which is northern most area of place of use, is located one mile north of Highway 2. Continue to town of Telford and turn left (south) on Telford Road North. Follow Telford Road south along Lake Creek drainage. Multiple County roads will be used throughout the Lake Creek drainage for access to the creek from Telford to Pacific Lake.

Site Address:

Lincoln County

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

David L. Lundgren
 Print Name
 (Applicant or authorized representative)

David L. Lundgren
 Signature

12-20-12
 Date

 Print Name
 (Legal Owner or Part Owner Place of Use)

 Signature

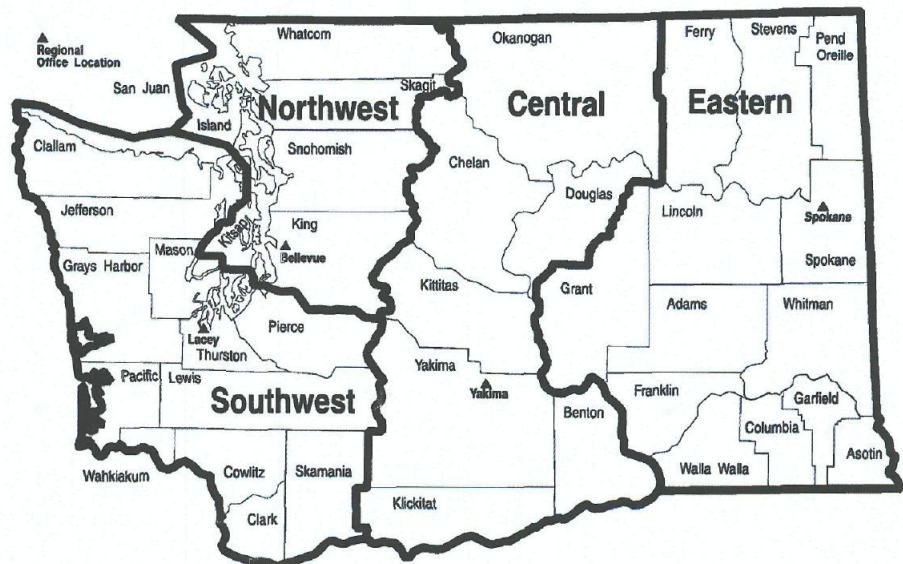
 Date

Please check the region in which the project is located:

*Submit your application to: DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611	<input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input checked="" type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input type="checkbox"/> Northwest Regional Office 3190 – 160 th Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872.
 Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.





LEGEND

- Proposed Point of Diversion (POD)
- Potential Water Delivery Route
- South Side Hwy 2 Stilling Basin Site
- Cities and Towns
- Highways and Major Roads
- Perennial Watercourse
- Intermittent Watercourse
- Perennial Waterbody
- Intermittent Waterbody

All Other Features

- Cities and Towns
- Highways and Major Roads
- Perennial Watercourse
- Intermittent Watercourse

NOTE: Place of use is within the high water level of the Lake Creek water course from the stilling basin to the confluence with Crab Creek.

File Path: P:\Portland\368 - LCCD\002-Passwater\hydro\Phase2\Project_GIS\Project_mxd\report_Figures\Figure1_Project_Area_for_WR_App.mxd

FIGURE 1

Project Area for Proposed Water Right Application
Lincoln County Conservation District

MAP NOTES:

Date: November 15, 2012
Data Sources: USGS, ESRI, Air Photo
taken on June 28, 2009 by the USDA



0 1.5 3 4.5
Miles

